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JUN 0 1 2004
PATENT & TRADEMARK OFFICE

INFORMATION DISCLOSURE STATEMENT

Applicant	:	Geoffrey F. Deane et al.
App. No.	:	10/681,456
Filed	:	October 7, 2003
For	:	PORTABLE GAS FRACTIONALIZATION SYSTEM
Examiner	:	Unknown
Group Art Unit	:	3748

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing eighty-four (84) references. Copies of disclosed U.S. patents and/or publications are not included pursuant to PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003. Copies of other references, if listed, are enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 5/24/2004

By: _____

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. INOGN.004A	APPLICATION NO. 10/681,456
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
		2,944,627	07/12/60	C.W. Skarstrom			
		3,703,068	11/21/72	John L. Wagner			
		4,054,133	10/18/77	William P. Meyers			
		4,070,164	01/24/78	Miwa et al.			
		4,077,779	03/07/78	Sircar et l.			
		4,247,311	01/27/81	Seibert et al.			
		4,378,982	04/05/83	Norman R. McCombs			
		4,381,002	04/26/83	George Mon			
		4,449,990	05/22/84	Richard A. Tedford, Jr.			
		4,462,398	07/31/84	Durkan et al.			
		4,482,361	11/13/84	Michael Whysall			
		4,491,459	01/01/85	Charles J. Pinkerton			
		4,584,996	04/29/86	Alvin S. Blum			
		4,681,099	07/21/87	Sato et al.			
		4,686,974	08/18/87	Sato et al.			
		4,706,664	11/17/87	Snook et al.			
		4,744,803	05/17/88	Kent S. Knaebel			
		4,892,566	01/09/90	Bansal et al.			
		4,925,464	05/15/90	Rabenau et al.			
		4,971,609	11/20/90	Robert A. Pawlos			
		5,002,591	03/26/91	Raymond A. Stanford			
		5,005,570	04/09/91	Warren E. Perkins			
		5,032,150	07/16/91	Kent S. Knaebel			
		5,071,453	12/10/91	Hradek et al.			
		5,112,367	05/12/92	Charles C. Hill			
		5,226,933	07/13/93	Knaebel et al.			
		5,268,021	12/07/93	Hill et al.			

EXAMINER	DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.

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		5,366,541	11/22/94	Hill et al.			
		5,466,134	11/14/95	Shaffer et al.			
		5,474,595	12/12/95	Norman R. McCombs			
		5,495,848	03/05/96	Aylsworth et al.			
		5,558,086	09/24/96	Smith et al.			
		5,593,478	01/14/97	Hill et al.			
		5,603,315	02/18/97	Richard E. Sasso, Jr.			
		5,611,845	03/18/97	William H. Delp, II			
		5,626,131	05/06/97	Chua et al.			
		5,630,411	05/20/97	Russell L. Holscher			
		5,632,612	05/27/97	Robert Shaffer			
		5,658,371	08/19/97	Smolarek et al.			
		5,665,316	09/09/97	Salonia et al.			
		5,697,364	12/16/97	Chua et al.			
		5,730,778	03/24/98	Hill et al.			
		5,735,268	04/07/98	Chua et al.			
		5,752,816	05/19/98	Robert W. Shaffer			
		5,755,224	05/26/98	Good et al.			
		5,759,020	06/02/98	Robert Shaffer			
		5,839,434	11/24/98	Jack Joseph Enterline			
		5,865,174	02/02/99	Gregg M. Kloeppel			
		5,881,725	03/16/99	Hoffman et al.			
		5,890,490	04/06/99	Aylsworth et al.			
		5,906,672	05/25/99	Michaels et al.			
		5,917,135	06/29/99	Michaels et al.			
		5,928,189	07/27/99	Phillips et al.			
		5,979,440	11/09/99	Honkonen et al.			

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		6,033,457	03/07/00	William N. Lawless			
		6,050,792	04/18/00	Robert W. Shaffer			
		6,068,680	05/30/00	Kulish et al.			
		6,129,530	10/10/00	Robert W. Shaffer			
		6,146,447	11/14/00	Sircar et al.			
		6,152,134	11/28/00	Webber et al.			
		6,176,897	01/23/01	Bowie G. Keefer			
		6,186,142	02/13/01	Schmidt et al.			
		6,190,441	02/20/01	Czabala et al.			
		6,192,884	02/27/01	Vann et al.			
		6,220,244	04/24/01	Patrick L. McLaughlin			
		6,269,811	08/07/01	Duff et al.			
		6,311,719	11/06/01	Hill et al.			
		6,346,139	02/12/02	Michael P. Czabala			
		6,348,082	02/19/02	Murdoch et al.			
		6,371,114	04/16/02	Schmidt et al.			
		6,395,065	05/28/02	Murdoch et al.			
		6,427,690	08/06/02	McCombs et al.			
		6,439,864	08/27/02	Robert W. Shaffer			
		6,457,485	10/01/02	Hill et al.			
		6,478,850	11/12/02	John Lee Warren			
		6,497,755	12/24/02	Murdoch et al.			
		6,511,308	01/28/03	Robert W. Shaffer			
		6,532,957	03/18/03	Michael Berthon-Jones			
		6,532,958	03/18/03	Buan et al.			
		6,551,384	04/22/03	Ackley et al.			
		2003/0024531	02/06/03	Kenneth H. Ball			

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		0 848 981 A1	06/24/98	EPO (Derwent Record)			X	
		0 988 882 A3	03/29/00	EPO				
		WO 01/41900 A2	06/14/01	PCT				

EXAMINER INITIAL		**OTHER DOCUMENTS** (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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